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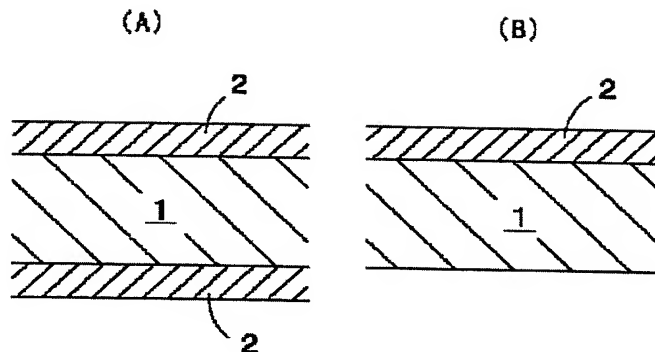
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TITLE : ALUMINUM ALLOY BRAZING SHEET
EXCELLENT IN EROSION
CHARACTERISTIC



ABSTRACT : PROBLEM TO BE SOLVED: To provide an Al alloy brazing sheet excellent in erosion characteristics and used, e.g. for automobile heat-exchanger parts material.

SOLUTION: A brazing filler metal 2, composed of an Al alloy containing 6.0-13.5% (by weight, the same applies to the following) Si or 0.4-5.5% Ge, is laminated on one side or both sides of a core material 1 composed of an Al alloy containing 0.05-2.0% Mn. The core material 1 is composed of an Al alloy further containing, besides Mn, 0.1-5.0% Ca, 0.1-10.0% Li, 0.05-0.8% Sr, 0.05-0.8% Sc, and 0.05-1.0% Y, and further one kind among prescribed amounts of Ti, Zr, V, Nb, Co, Ni, Ba, Be, and Ta. Because Be, etc., precipitate and fix, as compounds, Si and Ge which infiltrate from the brazing filler metal into the core material at the time of brazing, erosion can be controlled and prevented.

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